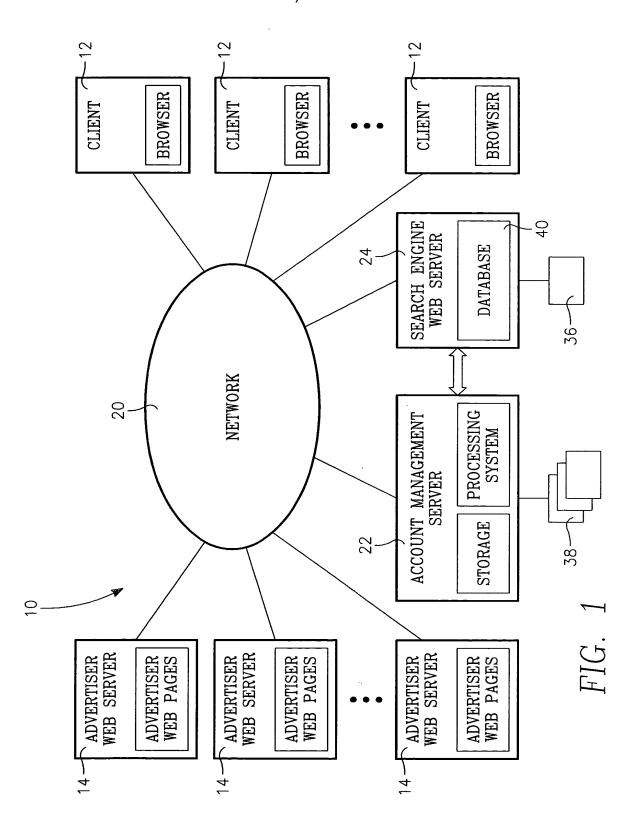
DISAMBIGUATION OF SEARCH PHRASES USING INTERPRETATION CLUSTERS INVENTORS: CARRASCO et. al.

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200				
	210	220 J	230	0 240
***	. TERMS	FIRST COFFEE MERCHANT	COMPUTER PROGRAMMER	SECOND COFFEE MERCHANT
	JAVA	х	X	x
	COFEE	Х		
:	COFFEE	х		х
	COFFEE GIFT	X		х
	VINEYARD	х		
	PROGRAMMING JAVA		X	
	PROGRAMMING		X	
	BEVERAGE			X
	TEA			x
	ANSI C		X	
	BUILD WEB SITE		х	

FIG. 2

FIG. 3

	FIRST COFFEE MERCHANT	COMPUTER PROGRAMMER	SECOND COFFEE MERCHANT
FIRST COFFEE MERCHANT	1	-0.4667	0.2667
C' = COMPUTER PROGRAMMER	-0.4667	1	-0.4667
SECOND COFFEE MERCHANT	0.2667	-0.4667	1

FIG. 4

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	FIRST COFFEE MERCHANT	COMPUTER PROGRAMMER	SECOND COFFEE MERCHANT
FIRST COFFEE MERCHANT	5	1	3
M = COMPUTER PROGRAMMER	1	5	1
SECOND COFFEE MERCHANT	3	1	5

FIG. 5

	FIRST COFFEE MERCHANT	COMPUTER PROGRAMMER	SECOND COFFEE MERCHANT
FIRST COFFEE MERCHANT	1	-0.866025	0.5
C = COMPUTER PROGRAMMER	0.866025	1	-0.866025
SECOND COFFEE MERCHANT	1	0.866025	1

FIG. 6

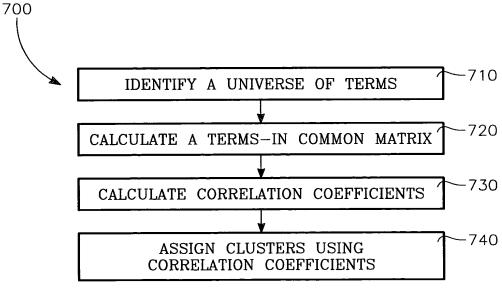


FIG. 7

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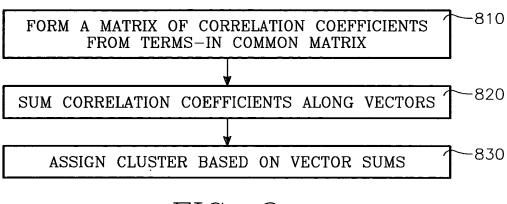


FIG. 8

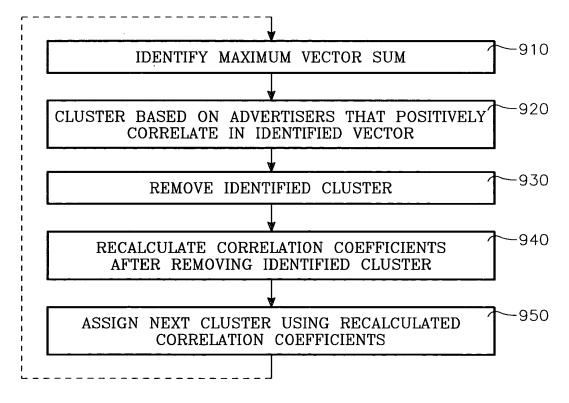


FIG. 9

5/9 **START** 1010 EVALUATE THE NODES OF AN EDGE STARTING WITH THE HIGHEST SCORE EDGE IS EITHER PAIR OF 1020-N NODES OF AN EDGE 1030 ASSIGNED TO A CLUSTER CREATE A NEW CLUSTER CONTAINING THE PAIR OF NODES IS ONLY ONE OF 1040· THE NODES ASSIGNED TO A CLUSTER 1050 N ASSIGN THE UNASSIGNED NODE TO THE CLUSTER COMPRISING THE ASSIGNED NODE 1060 LEAVE BOTH NODES IN THIER RESPECTIVE ASSIGNED CLUSTERS 1070 REPEAT IN DESCENDING ORDER BY EDGE SCORE FOR EACH PAIR OF NODES UNTIL ALL NODES ARE ASSIGNED FIG. 10

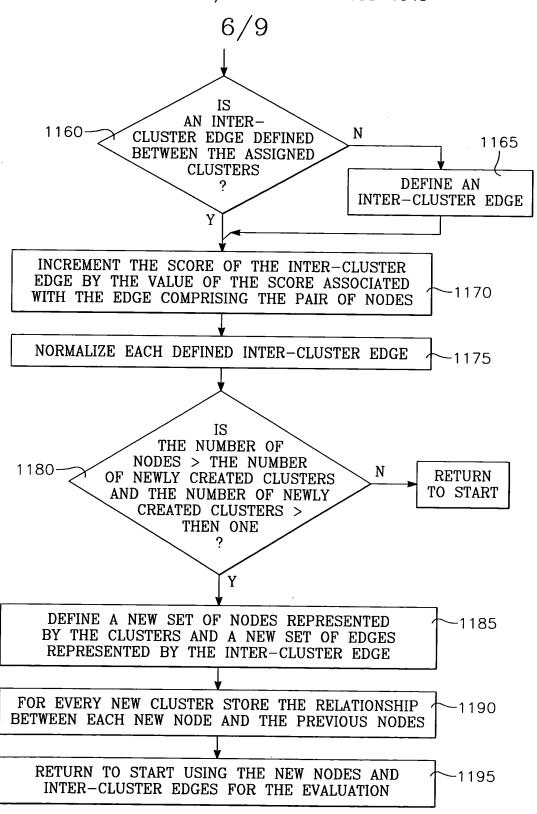
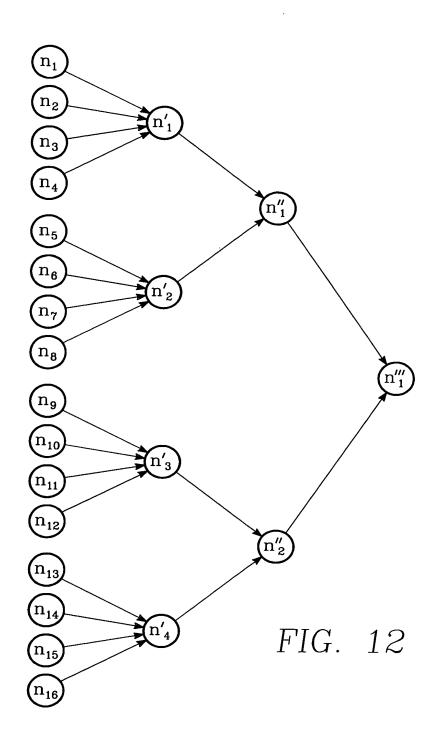


FIG. 11

DISAMBIGUATION OF SEARCH PHRASES
USING INTERPRETATION CLUSTERS
INVENTORS: CARRASCO et. al.
ATTY DKT NO.: OVR/018-02 805-658-1945

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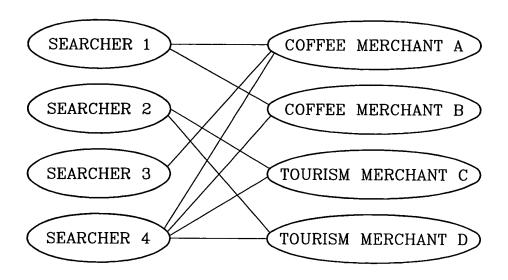


FIG. 13

				OFFEE RCHANT A	COFFEE MERCHANT B	TOURISM MERCHANT C	TOURIS MERCHA D	
	SEARCHER	1		1	1	0	0	
۸′-	SEARCHER	2	$/\!\!/$	0	0	1	1	1
A –	SEARCHER	3	$\$	1	0	0	0	
	SEARCHER	4		1	1	1	1	

FIG. 14

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		FIRST COFFEE MERCHANT	COMPUTER PROGRAMMER	SECOND COFFEE MERCHANT
	FIRST COFFEE MERCHANT	1	0	1
$S_1 =$	COMPUTER PROGRAMMER	(O	0	0
	SECOND COFFEE MERCHANT	1	0	1

FIG. 15A

	FIRST COFFEE MERCHANT	COMPUTER PROGRAMMER	SECOND COFFEE MERCHANT
FIRST COFFEE MERCHANT	1	0	1
S ₂ = COMPUTER PROGRAMMER	(o	0	o)
SECOND COFFEE MERCHANT	1	0	2

FIG. 15B

	FIRST COFFEE MERCHANT	COMPUTER PROGRAMMER	SECOND COFFEE MERCHANT
FIRST COFFEE MERCHANT	/ 20	3	10
$S_n = COMPUTER PROGRAMMER$	3	16	2
SECOND COFFEE MERCHANT	10	2	22

FIG. 15C

		FIRST COFFEE MERCHANT	COMPUTER PROGRAMMER	SECOND COFFEE MERCHANT
	FIRST COFFEE MERCHANT	1	-0.958187	0.788139
$C_{java} =$	COMPUTER PROGRAMMER	-0.958187	1	-0.931305
	SECOND COFFEE MERCHANT	0.788139	-0.931305	1

FIG. 16